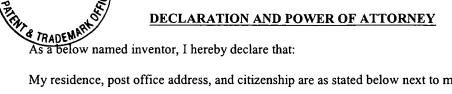


Attorney Docket No.: 5181-69300 P5166



My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first a	nd
joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent	is
sought on the invention entitled "USING RENDER BIN PARALLELISM FOR RENDERING SCENE GRAP	Ή
BASED GRAPHICS DATA," the specification of which:	

2, m. ope	•••••••••••••••••••••••••••••••••••••••				
is attached hereto. was filed on January 11, 2001 as Application Serial No. 90/760,000 and was amended on (if applicable).					
I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.					
I acknowledge the duty to d material to patentability of the subject 1.56.					
I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate listed below, or under § 365(a) of any PCT international application listed below designating least one country other than the United States of America, and have identified below any foreign application for patent or inventor's certificate, or of any PCT international application, having a filing date before that of the application on which priority is claimed.					
Prior Foreign Application No.	Country		Filing Date	Priority	Cert. copy
			(mm/dd/yy)	<u>Claimed</u>	<u>Attached</u>
N/A					
I hereby claim the benefit unbelow.	nder 35 U.S.C. § 11	9(e) of any U	nited States pro-	isional applic	ation(s) listed
Provisional Application No.	Filing Date (mm/dd/yy)				
60/175,580	01/11/00				
					
I hereby claim the benefit un § 365(c) of any PCT international appthe subject matter of each of the clainternational application in the manne disclose all information known to napplication, as "materiality" is define prior application and the national or P	plication listed below aims of this applica r provided by the fir- ne to be material to d in 37 C.F.R. § 1.5	w designating to ation is not d st paragraph of the patental 56, which because	the United States is closed in the pf 35 U.S.C. § 11 bility of the subtame available be	of America, a prior United S 2, I acknowled ject matter cla	nd, insofar as tates or PCT ge the duty to aimed in this
Parent Application No.	Filing Date (mm/dd/yy)	Parei	nt Patent No. (if	applicable) or S	Status
09/668,493	09/22/00		CI	P	
60/156,054	09/24/99	-		•	

P5166

I hereby revoke any previous Powers of Attorney and appoint

Kenneth Olsen	Reg. No. 26,493
Timothy J. Crean	Reg. No. 37,116
Joseph T. FitzGerald	Reg. No. 33,881
Alexander E. Silverman	Reg. No. 37,940
Anirma Rakshpal Gupta	Reg. No. 38,275
Sean P. Lewis	Reg. No. 42,798
Michael J. Schallop	Reg. No. 44,319
Bernice B. Chen	Reg. No. 42,403
Kenta Suzue	Reg. No. 45,145
Noreen A. Krall	Reg. No. 39,734
Richard J. Lutton, Jr.	Reg. No. 39,756
Monica D. Lee	Reg. No. 40,696
Marc D. Foodman	Reg. No. 34,110
Naren Chaganti	Reg. No. 44,602
Elaine Lee	Reg. No. 41,936
Hugh H. Matsubayashi	Reg. No. 43,779
Paul Sorkin	Reg. No. 39,039
Ramin Aghevli	Reg. No. 43,462
Marilyn Glaubensklee	Reg. No. 35,521

each of said attorneys being employed by Sun Microsystems; and

Dan R. Christen	Reg. No. 39,943
Gentry E. Crook	Reg. No. 44,633
Kevin L. Daffer	Reg. No. 34,146
Mark R. DeLuca	Reg. No. 44,649
Jeffrey C. Hood	Reg. No. 35,198
Robert C. Jahnke	Reg. No. 44,800
B. Noël Kivlin	Reg. No. 33,929
Robert C. Kowert	Reg. No. 39,255
Lawrence J. Merkel	Reg. No. 41,191
Eric B. Meyertons	Reg. No. 34,876
Louise K. Miller	Reg. No. 36,609
David W. Quimby	Reg. No. 39,338
David A. Rose	Reg. No. 26,223

each of said attorneys or agents being a member or an associate of the firm of Conley, Rose & Tayon, P.C., as attorney or agent for so long as they remain with such company or firm, with full power of substitution and revocation, to prosecute the application, to make alterations and amendments therein, to transact all business in the Patent and Trademark Office in connection therewith, and to receive the Letters Patent.

Please direct all communications to:

Dan R. Christen Conley, Rose & Tayon, P.C. P.O. Box 398 Austin, Texas 78767-0398 Phone: (512) 476-1400

I hereby declare that all statements made herein of my own knowledge are true and that all statements made herein on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. § 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Attorney Docket No.: 5181-69300 P5166

Inventor's Full Name:	Henry Sowizral			
Inventor's Signature:			Date:	
City and State (or Foreign Cour	ntry) of Residence:		Citizenship:	
Post Office and Residence Add		per, street name, city, state a	nd zip code)	
Inventor's Full Name:		Kevin Rushforth		
Inventor's Signature:	2. R	who	Date: 3/15/01	
City and State (or Foreign Cour	ntry) of Residence:	San Jose, CA	Citizenship: U-S, A.	
Post Office and Residence Add	ress: 3314 F (Include numb	ber, street name, city, state an	nd zip code) A 95/74	
Inventor's Full Name:		Doug Twilleager	·	
Inventor's Signature:	hours Turller	ofle	Date: 3/15/01	
City and State (or Foreign Cour	ntry) of Residence:	Cambell, CA	Citizenship: USA	
Post Office and Residence Add		1147 Fawn Drive, Camb	·	
	(Include numb	er, street name, city, state ar	nd zip code)	

P. 09

Attorney Docket No.: 5181-69300 P5166

DECLARATION AND POWER OF ATTORNEY

a a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, f	inst and
igint inventor (if plural names are listed below) of the subject matter which is claimed and for which a p	atent is
sought on the invention entitled "USING RENDER BIN FARALLELISM FOR RENDERING SCRNE O	irapii
BASED GRAPHICS DATA." the specification of which:	

joint inventor (if plural names are is sought on the invention entitled "Us BASED GRAPHICS DATA," the spi	sing render bin P	et muller which is claimee ARALLELISM FOR RENI	i and for whi Dering Sci	en a patent is RNF, GRAPII
is attached hereto. Was filed on January 11 and was amended on	, 2001 as Application Sc	rial No. 90/760,000 (if applicable).		
I hereby state that I have including the claims, as amended by	reviewed and understant any amendment referred	ed the contents of the about above.	ove-identified	specification,
I acknowledge the duty to d material to patentability of the subje- 1.56.	lisclose to the Patent and et matter claimed in this	Trademark Office all info application, as "materiality	rmation know " is defined i	n to me to be in 37 C.F.R. §
I hereby claim foreign pr application(s) for patent or inventor's listed below designating least one co foreign application for patent or inve before that of the application on which	cortificate listed below, ountry other than the Uni outer's certificate, or of s	or under § 365(a) of any PC lied States of America, and	CT internation have identify	al application led below any
Prior Forcian Application No.	Country	Filing Date (mm/dd/yy)	Priority Claimed	Cess. copy.
N/A				
I hereby claim the benefit u	inder 35 U.S.C. § 119(e)	of any United States prov	isional applic	ation(s) listed
Provisional Application No.	Filing Date (mm/dd/vy)			
60/175,580	01/11/00			
• H				
I licreby claim the benefit us \$ 365(c) of any PCT international apthe subject master of each of the contentational application in the mannedisclose all information knows to application, as "materiality" is define prior application and the national or I	plication listed below de laims of this application or provided by the first pi me to be material to the ed in 37 C.F.R. § 1.56, we	signating the United States a is not disclosed in the paragraph of 35 U.S.C. § 112 a patentability of the subjection became available be-	of America, a nior United S I, I acknowled lect matter cl	md, insofar as States or PCI Igo the duty to aimed in this
Parent Application No.	Filing Date (mm/dd/yy)	Parent Patent No. (if a	<u>splicapie) or</u>	Starus
09/668,493	09/22/00	CII	•	
60/156,054	09/24/99			

P. 10

Attorney Docket No.: 5181-69300 15166

I hereby revoke any previous Powers of Attorney and appoint

Kenneth Olson	Reg. No. 26,493
Timothy J. Crean	Reg. No. 37,116
Joseph T. PilzGerald	Rcg. No. 33,881
Alexander B. Silverman	Reg. No. 37,940
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Paul Sorkin	Reg. No. 39,039
Ramin Aghevli	Reg. No. 43,462
Marilyn Glaubenskiee	Reg. No. 35,521

each of said attorneys being employed by Sun Microsystems; and

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Mark R. DeLuca	Rcg. No. 44,649
Jeffrey C. Hood	Rcg. No. 35,198
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Lawrence J. Merkel	Reg. No. 41,191
Bric B. Meyertons	Reg. No. 34,876
Louise K. Miller	Reg. No. 36,609
David W. Quimby	Reg. No. 39,338
David A. Rose	Reg. No. 26,223

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I hereby declare that all statements made herein of my own knowledge are true and that all statements made herein on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. § 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.



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P. 11

Amorney Docket No.: 5181-69300 P5166

\mathcal{M}	1	
Inventor's Full Name:	Henry Sowizzal	
Inventor's Signature:		Date: 22-100-2001
City and State (or Foreign Course) of Resid	lence: Balluk WA	Date: 23-100-200) Citizonahip: USL
	631 170+K-Plac	SE 9800 8
(Incl	ude number, street name, city, state t	and zip code)
Inventor's Full Name:	Kevin Rushforth	
Inventor's Signature:		Date:
City and State (or Foreign Country) of Resid	lance;	Citizenship:
Post Office and Residence Address: (Incl.)	udo number, street name, city, state	and zip code)
Inventor's Full Name:	Doug Twilleager	
Invontor's Signature:	and the second s	Date:
City and State (or Foreign Country) of Resid	dence: Cambell, CA	Chizenship:
Post Office and Residence Address:	1147 Fawn Drive, Can	
(Incl	ude number, street name, city, state	eud sid cogo)